

CDX-III Multi-functional Magnetic Particle Detector, Fault Localization Equipment, Portable Flaw Detector



Product Details:

Place of Origin: HONG KONG
Brand Name: MITECH
Model Number: CDX-III

Payment & Shipping Terms:

Minimum Order Quantity: 1 set
Packaging Details: Standard export carton box
Delivery Time: Goods in stock, could send out within three days
Payment Terms: 100% T/T, Paypal or Wester Union
Supply Ability: 500 sets/month

Detailed Product Description

CDX-III Multi-functional Magnetic Particle Detector, Fault Localization Equipment, Portable Flaw Detector

CDX-III Multi-functional Magnetic Particle Detector

Description:

CDX - III magnetic-particle detector is a new type magnetic particle fault localization equipment designed and produced by our Company independently after utilizing the advantages of its counterparts at home and abroad. Magnetization by additional magnetic field renders the detector small in size and light in weight. Highly integrated circuit makes one device perform all the functions of several ones.

Selection of functions:

► **A type probe:** also named horseshoe magnetic yoke probe or fillet weld probe, turning joint angular magnetic head, which is fitted with a working lamp and is especially suitable for fault detection of work pieces with abnormal face and complicated shape. Polar distance: 20-160mm; lifting power: AC \geq 5kg, DC \geq 18kg; weight : 1 kg. The equipment made by using this probe is referred to as horseshoe magnetic yoke detector or fillet weld detector. The probe finds wide application as it uses the turning joint.

► **D type probe:** also called electromagnetic yoke probe with various turning joints and great magnetization strength. Polar distance: 60-220mm; lifting power: AC \geq 7kg, DC \geq 18kg; weight: 1.6kg. The equipment made by using this probe independently is named electromagnetic yoke detector and the probe is featured by high magnetic inductivity and great magnetization strength.

► **E type probe:** also called cross magnetic yoke probe or rotating-field probe and can conduct omnibearing combination magnetization flaw detection at a time. The running roller and working lamp can increase the fault detection speed. Polar distance: 110mm, lifting power: AC \geq 9kg and weight: 2kg. The equipment made by using this probe independently is called rotating-field fault detector, which uses two cross magnetic yokes and AC move-phase technology to produce a synthetic rotating field that varies with time for omnibearing combination magnetization of a work piece at a time. The fault detection is done quickly with high inspection quality.

► **O type probe:** also called ring probe with an internal diameter of 150mm and center field \geq 180Oe. Weight: 3kg. The equipment made by using this probe independently is named ring

fault detector. It is designed on the principle of forming a strong magnetic field by energizing a coil and is suitable for sectional fault detection or demagnetization of complicated work pieces including axles, bars, pipes and vanes.

Applications:

1. Power source: AC 220V \pm 10% 50HZ 5A
2. Output: AC 36V 10A Probes of A.D.E.O can be selected for fitting.
3. Fault detection speed: \geq 6 m/ m
4. Temperature rise of probe: \leq 60°C
5. Operating beat: It is suggested that in continuous long-time operation magnetization time \leq 3 s and off time \geq 5 s

6. Weight of the detector: ~6.6K g

Specifications:

1. Power supply: AC 220 ±10% 50HZ 5A
2. Output: AC 38V 6A A, D, O-shaped detecting heads are applicable
3. Testing speed: ≥6m/min
4. Detecting head temperature rise: ≤60°C
5. Working intervals: In the case of continuous operation for a long time, it is recommended:
Magnetization time: ≤3 sec; interim: ≥5
6. Instrument weight: about 5.5kg

Standard Package:

Item No.	Description	Model	Qty	Note
1	Magnetic Particle Detector	CDX-III	1	
2	Probe	A Type	1	
3	Foot Pedal		1	
4	Fuse	5A	5	
5	Probe Cable	5M	1	
6	Power Supply Cable	3M	1	
7	Product Certificate			
8	Warranty Card		1	
9	Packing List		1	
10	Manual		1	
11				
12				